

Guidance Development on Requirements for Commercial NORM Disposal

Radioactive Materials Division
Texas Commission on Environmental Quality
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Following Existing Rules at Chapter 336, Subchapter K

Commercial Disposal of Naturally
Occurring Radioactive Material Waste
from Public Water Systems



Proposal for Guidance Development:

Instructions for Application.....	
Procedural Information for Licensure	
Estimated Licensing Time Line	
Application Form	
1.0 General Information	
2.0 Site Characteristics	
3.0 Design	
4.0 Construction	
5.0 Operations and Facility Procedures	
6.0 Closure	
7.0 Maintenance and Emergency Procedures.....	
8.0 Waste Characteristics and Radiological Impact Assessment.....	
9.0 Quality Assurance and Quality Control	
10.0 Personnel	
11.0 Environmental Report and Justification of Techniques	
12.0 Qualifications and Financial Assurance	
14.0 Schedules	



Existing Radioactive Material Disposal License Application Components:

1. Projected inventory
2. Frequency and volume of disposal
3. Waste acceptance criteria
4. Waste characteristics
5. Site characterization
6. Design and construction of facility
7. Closure procedures
8. Operational and safety procedures
9. Inspection, maintenance, and emergency procedures



Existing Radioactive Material Disposal License Application Components (cont):

10. Radiological impact assessment
11. Radiation safety procedures
12. Radiological monitoring
13. Organizational structure of applicant
14. Restricting site access
15. Recordkeeping procedures
16. Land ownership information
17. Justification for disposal method
18. Decommissioning plan
19. Application fee
20. Financial assurance



Performance Objectives:

1. Protection of general population from releases of radioactivity.
2. Protection of individuals during operations.
3. Preclude off-site migration and transport of radioactive materials.
4. Stability of disposal facility after closure.

